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NOV 1 5 2004

Patent Case No.: 53852US013

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

OUDERKIRK, ANDREW J.

Application No.:

09/890482

Group Art Unit:

2872

Filed:

January 28, 1999

Examiner:

Boutsikaris, Leonidas

Title:

INFRARED INTERFERENCE FILTER

## RESPONSE UNDER 37 C.F.R. § 1.111 AND PETITION FOR ONE-MONTH EXTENSION OF TIME

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF TRANSMISSION

To Fax No.: 703-872-9306

I horeby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on:

NOV 1 5 2004

Date

Signed by: Gwen J. Mehl

Dear Sir:

This is in response to the outstanding Office Action, dated July 16, 2004, in the above-identified application.

Under the provisions of 37 C.F.R. § 1.136(a), Applicants petition to extend the period for 11/17/2004 SDAV Filing Weeply in the above sidentified application. The requested extension and appropriate fee are 01 FC:1251 as follows (check time period desired):

**⊠** 37 CFR § 1.17(a)(1) - Extension within first month

37 CFR § 1.17(a)(2) - Extension within second month

37 CFR § 1,17(a)(3) - Extension within third month

37 CFR § 1.17(a)(4) - Extension within fourth month.

Please charge any fees due, or credit any overpayment to Deposit Account No. 13-3723.

One copy of this sheet marked duplicate is also enclosed.

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Application No.: 09/890482

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Oi et al. without Ouderkirk et al. does not teach all of the elements of claim 30. For example, such references do not teach an article having a dielectric reflective layer that includes at least one birefringent polymer as is recited in claim 30.

For at least the above reasons, Applicants submit that claim 30 is patentable in view of the cited references. Reconsideration and withdrawal of this rejection are, therefore, respectfully requested.

## **Summary**

It is respectfully submitted that the pending claims are in condition for allowance.

Reconsideration and withdrawal of all rejections are respectfully requested. The Examiner is invited to contact Applicants' Representatives, at the below-listed telephone number, if it is believed that prosecution of this application may be assisted thereby.

Respectfully submitted,

Date

Jay R. Hralle, Reg. No.: 52,131 Telephone No.: (651) 733-6750

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

PTO/SB/06 (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it displays a valid OMB control number.

| PATENT APPLICATION FEE DETERMINATION RECORD  Substitute for Form PTO-875              |   |   |              |   |                  |         |                    |                        | Application of Booker Number 82 |                            |                        |
|---|---|---|--------------|---|------------------|---------|--------------------|------------------------|---------------------------------|----------------------------|------------------------|
| CLAIMS AS FILED - PART I (Column 1) (Column 2)  |   |   |              |   |                  |         | SMALL ENTITY       |                        | OR                              | OTHER THAN<br>SMALL ENTITY |                        |
| FOR NUMBER FILED  |   |   | NUMBE        | NUMBER EXTRA                                |                  | RATE    | FEE                |                        | RATE                            | FEE                        |                        |
| BASIC FEE<br>(37 CFR 1.16(a))   |   |   |              |   |                  |         |                    | s                      | OR                              |                            | s                      |
| TOT   | AL CLAIMS<br>CFR 1.16(c))                                       |   | minus 20 = * |   | •                |         | x \$=              |                        | OR                              | x s=                       |                        |
| INDE  | PENDENT CLAI  | vis                                       | minus 3 =    |   |                  |         | x \$=              |                        | OR                              | x \$=                      |                        |
|   |   |   |              | 7 CFR 1.16(d))                              |                  |         | + \$=              |                        | OR                              | + s=                       |                        |
| * If the difference in column 1 is less than zero, enter "0" in column 2.             |   |   |              |   |                  | •       | TOTAL              |                        | OR                              | TOTAL                      |                        |
|   |   |   |              |   |                  |         |                    |                        |                                 |                            |                        |
| CLAIMS AS AMENDED - PART II  (PSND) SL (Column 1) (Column 2) (Column 3)               |   |   |              |   |                  | SMALL E | ENTITY             | OR                     |                                 | R THAN<br>ENTITY           |                        |
| 1   | SI WIZ  | CLAIMS                                    | <u> </u>     | HIGHEST                                     | PRESENT          |         | RATE               | ADDI-                  | ]                               | RATE                       | ADDI-                  |
| NT A  | 114504  | REMAINING<br>AFTER<br>AMENDMENT           |              | NUMBER<br>PREVIOUSLY<br>PAID FOR            | EXTRA            |         | KATE               | TIONAL<br>FEE          |                                 |                            | TIONAL<br>FEE          |
| AMENDMENT   | Total<br>(37 CFR 1.16(c))                                       | 25  | Minus        | "27   | 7                |         | x s=               | $\bigcirc$             | OR                              | x s=                       |                        |
| EN  | Independent<br>(37 CFR 1.16(b))                                 | . 6                                       | Minus        | ··· (o                                      | 7                |         | x s=               |                        | OR                              | x s=                       | )                      |
| A   | FIRST PRESENT   | TATION OF MULTIPLE                        | E DEPENDE    | ENT CLAIM (37 CF                            | R 1.10(d))       |         | + s=               |                        | OR                              | + s=/                      |                        |
|   |   |   |              |   |                  |         | TOTAL<br>ADD'L FEE |                        | OR                              | TOTAL<br>ADD'L FEE         |                        |
| (Column 1) (Column 2) (Column 3)  |   |   |              |   |                  |         |                    |                        | 1                               |                            | <u> </u>               |
| NT B  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |         | RATE               | ADDI-<br>TIONAL<br>FEE |                                 | RATE <sup>-</sup>          | ADDI-<br>TIONAL<br>FEE |
| ME  | Total<br>(v.c.s.v.e(c)  | •   | Minus        | ••  | =                |         | x s=               |                        | OR                              | x s=                       |                        |
| ENDMENT   | (SC CFR 1.36(b))  |   | Minus        |   | =                |         | x š=               | :                      | C=                              | λ 3, =                     | <u> </u>               |
| AM  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |   |              |   |                  |         | + \$=              | ,                      | OR                              | + \$=                      |                        |
|   |   |   |              |   |                  |         | TOTAL<br>ADD'L FEE |                        | OR                              | TOTAL<br>ADD'L FEE         |                        |
| (Column 1) (Column 2) (Column 3)  |   |   |              |   |                  |         |                    |                        |                                 |                            | <del></del>            |
| S L   |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |              | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |         | RATE               | ADDI-<br>TIONAL<br>FEE |                                 | RATE                       | ADDI-<br>TIONAL<br>FEE |
| E IV  | Tota:<br>(27 CFR 1 16(4)  |   | Minus        | ••  | =                |         | x 5=               |                        | OR                              | x \$=                      |                        |
| AMENDMEN  | Independent<br>(37 CFR 1.16(b))                                 | •   | Minus        | ***   | =                |         | x \$=              |                        | OR                              | x s=                       |                        |
| AM  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) |   |              |   |                  |         | +\$=               |                        | OR                              | + \$ =                     |                        |
|   |   |   |              |   |                  |         | TOTAL<br>ADD'L FEE |                        | OR                              | TOTAL<br>ADD'L FEE         |                        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. |   |   |              |   |                  |         |                    |                        |                                 |                            |                        |

<sup>&</sup>quot;If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
"If the "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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